



DAMARISCOTTA
Waterfront
PROJECT











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THE OREGON (BB-3)

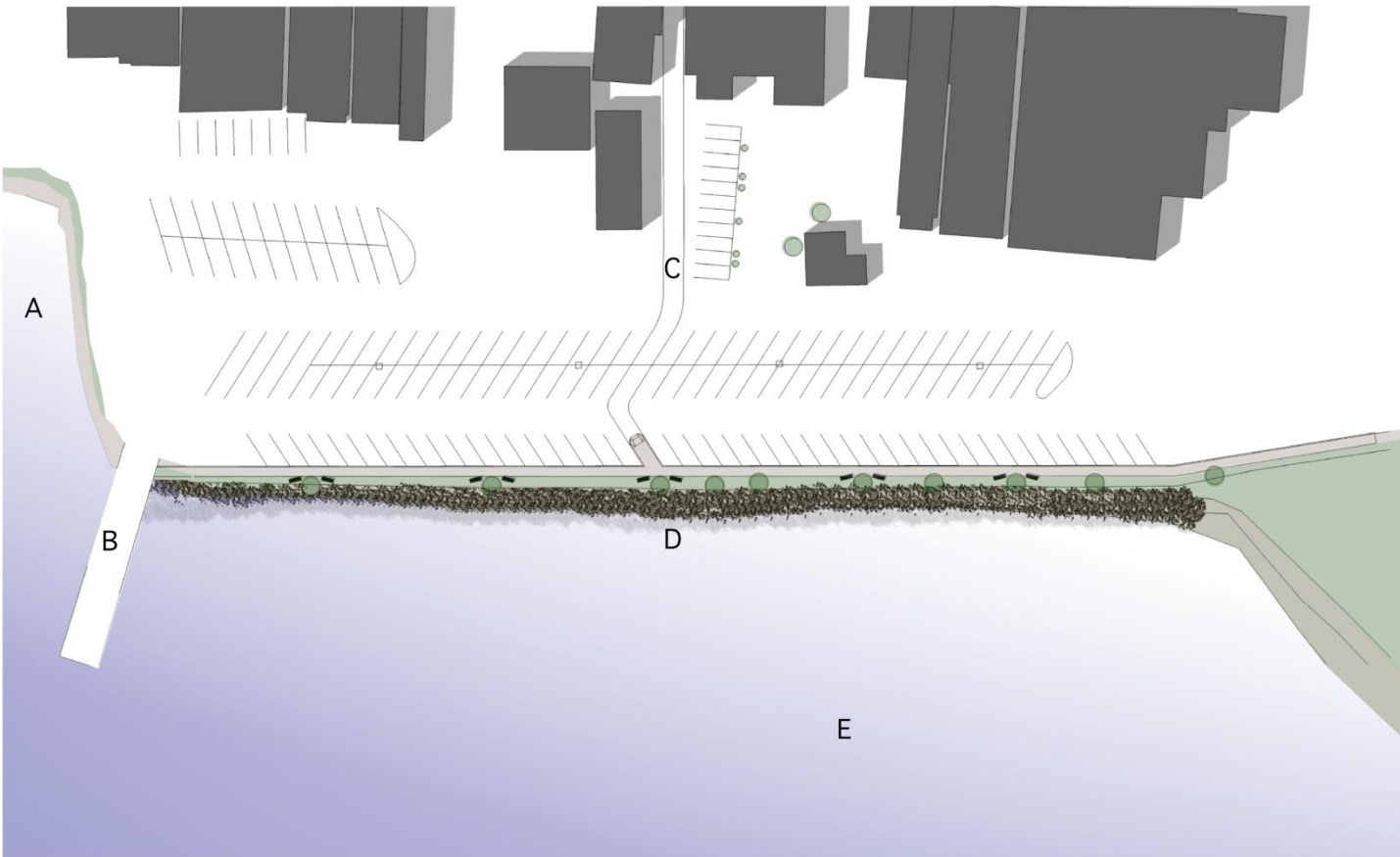
THE OREGON (BB-3)







Concept 1 –Plan No Boardwalk- Extended Park



Key:

- A: Misery Gulch
- B: Boat Launch
- C: Proposed Pedestrian Access
- D: Proposed Waterfront Park
- E: Harbor



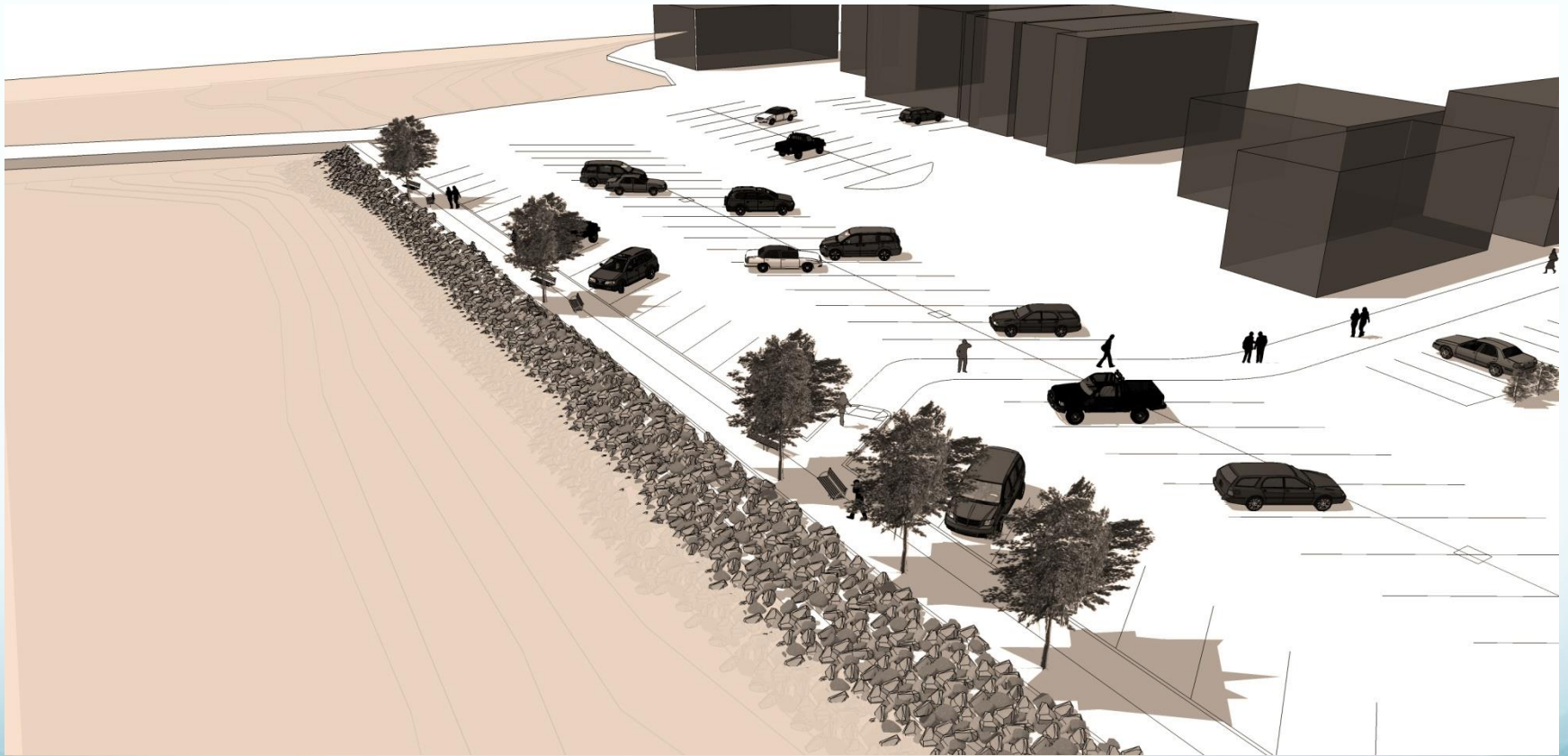
NTS

MRLD
Landscape Architecture + Urbanism

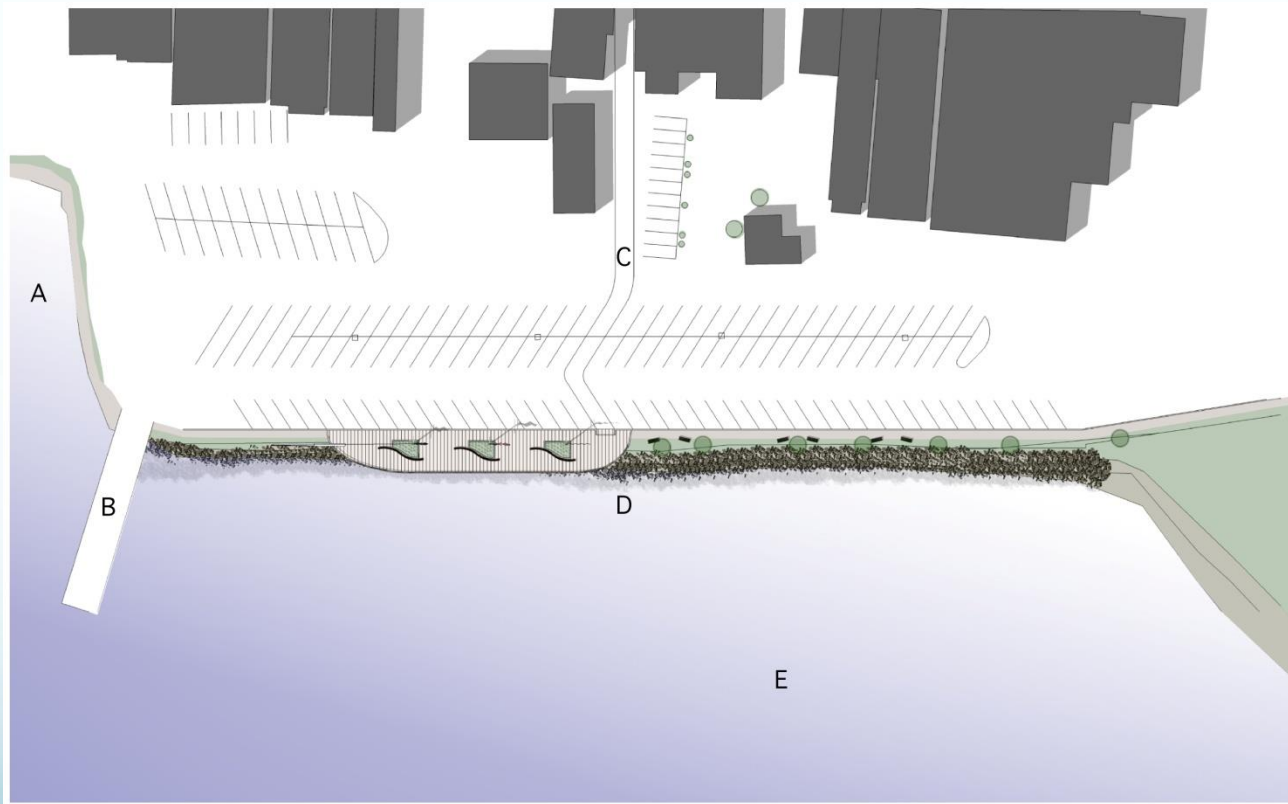
Concept 1- View Looking East No Boardwalk- Extended Park



Concept 1- View looking west No Boardwalk- Extended Park



Concept 2- Plan 170' Boardwalk and Park



Key:

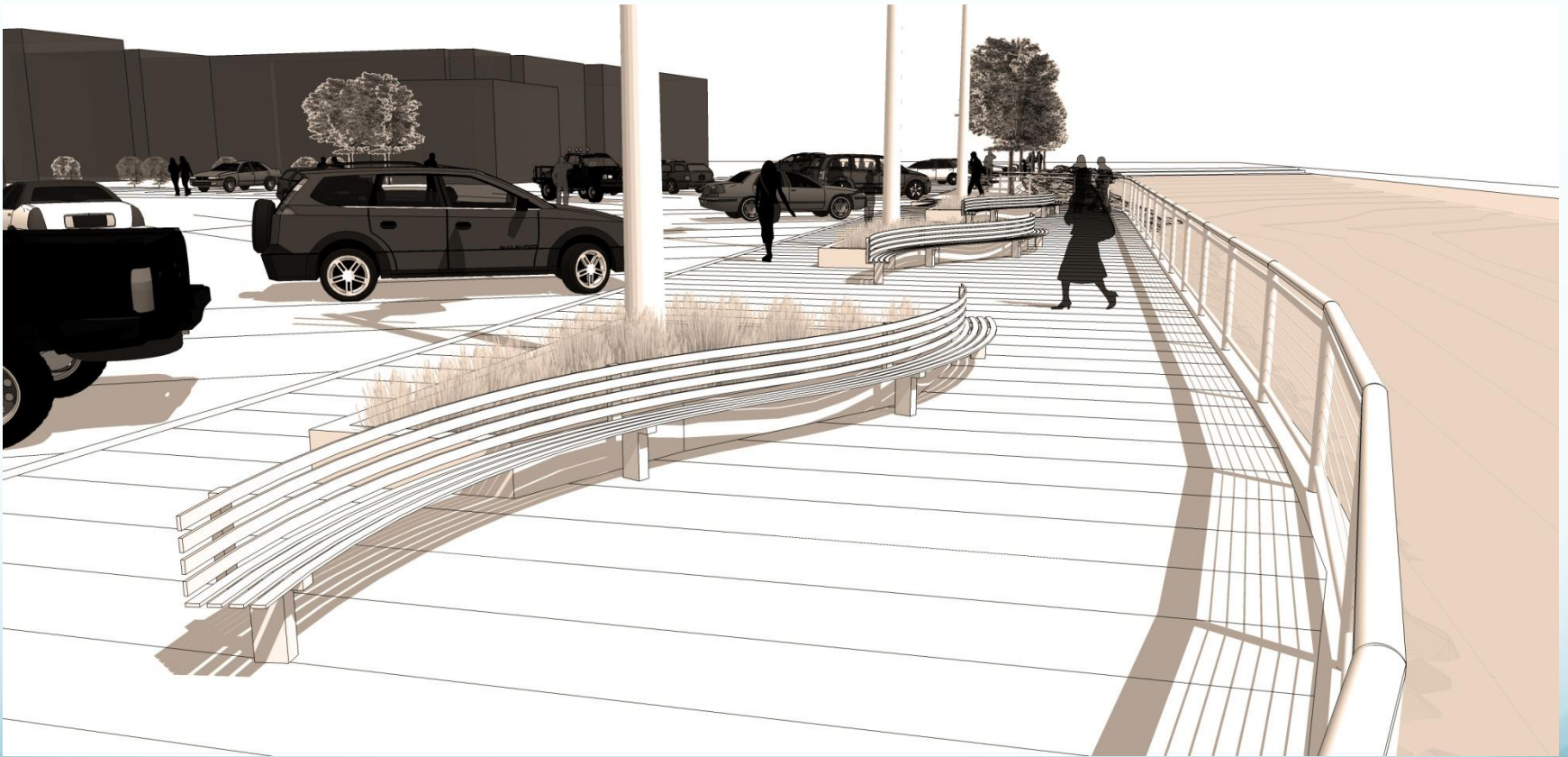
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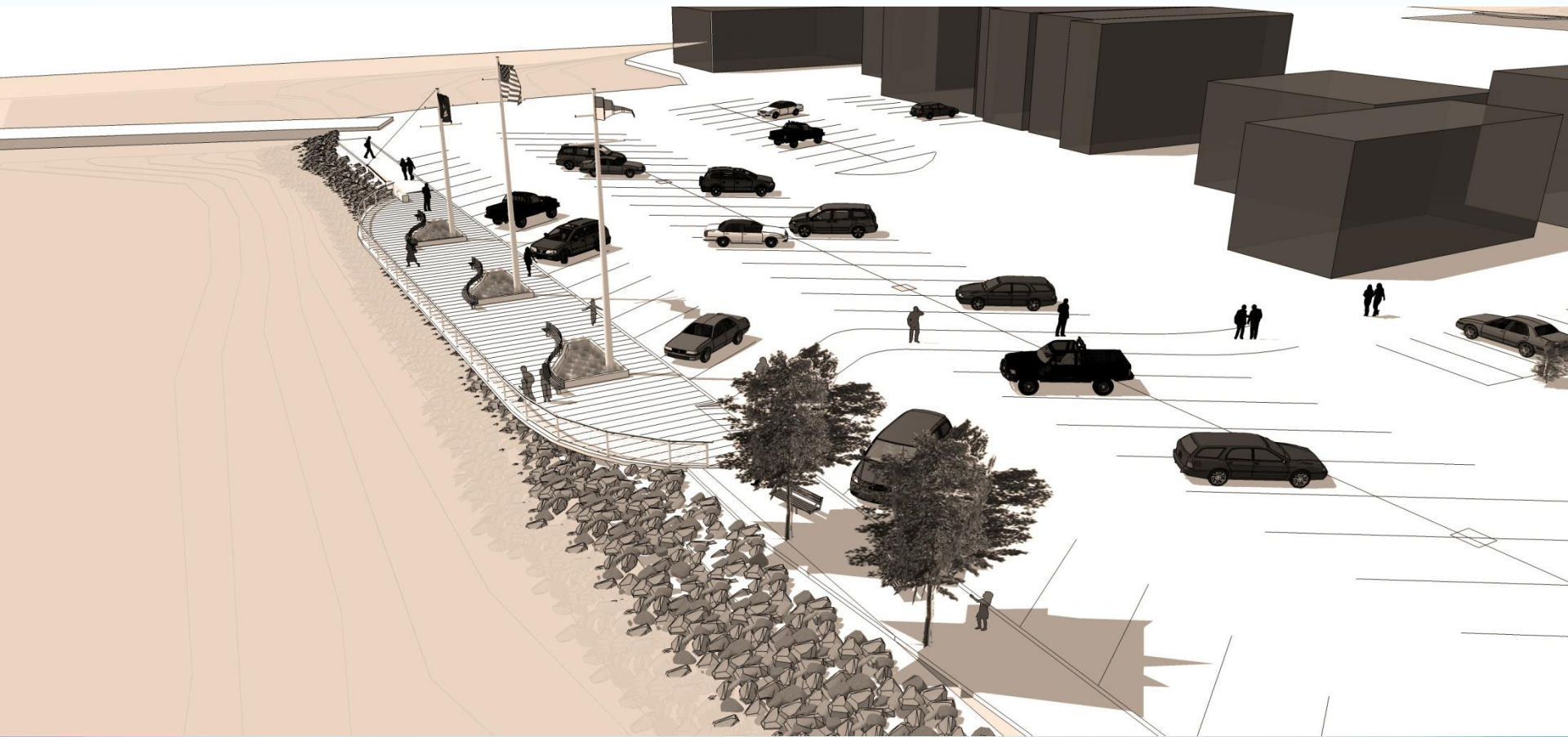
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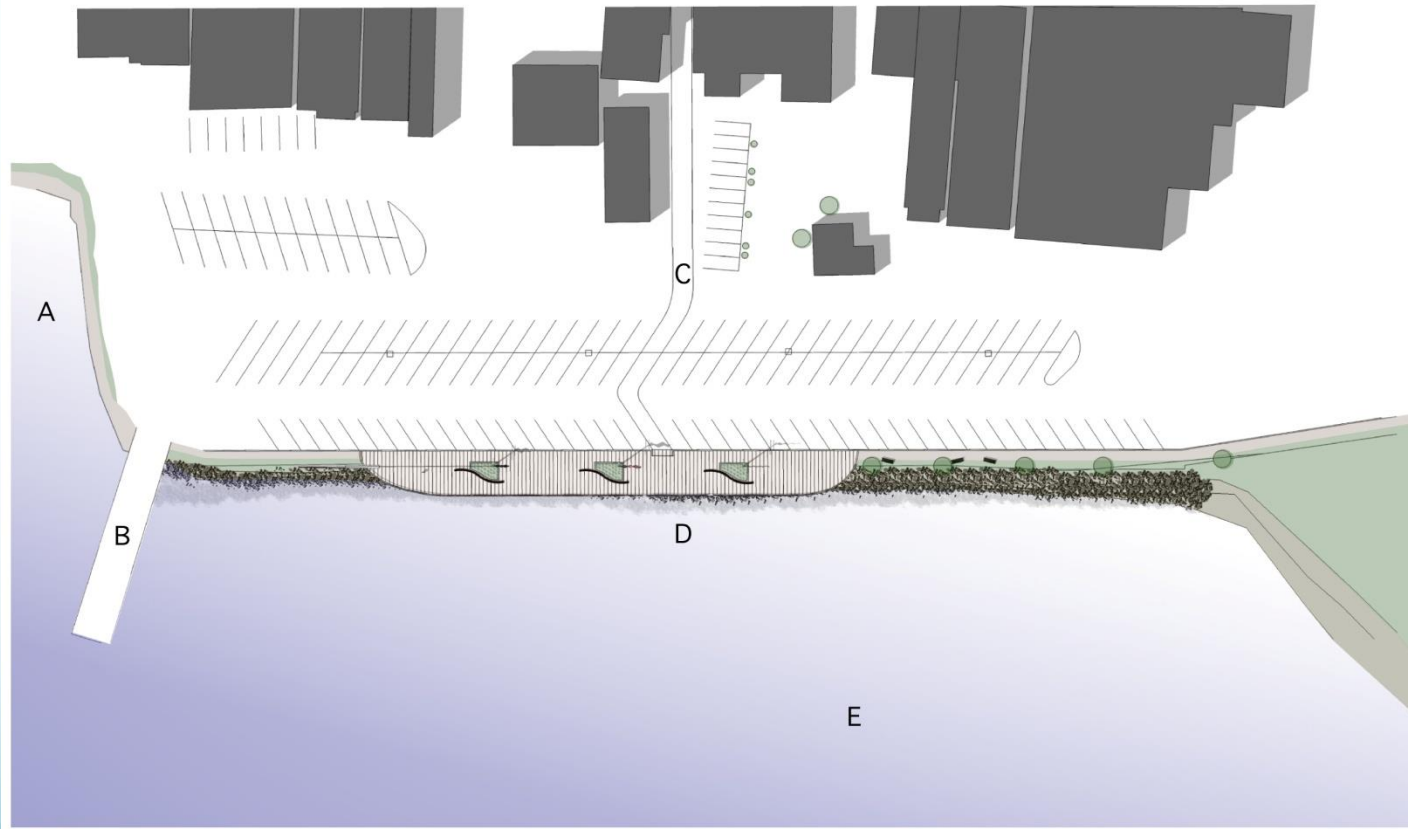
Concept 2- View Looking East 170' Boardwalk and Park



Concept 2- View Looking West 170' Boardwalk and Park



Concept 3- Plan 256' Boardwalk and Park



Key:

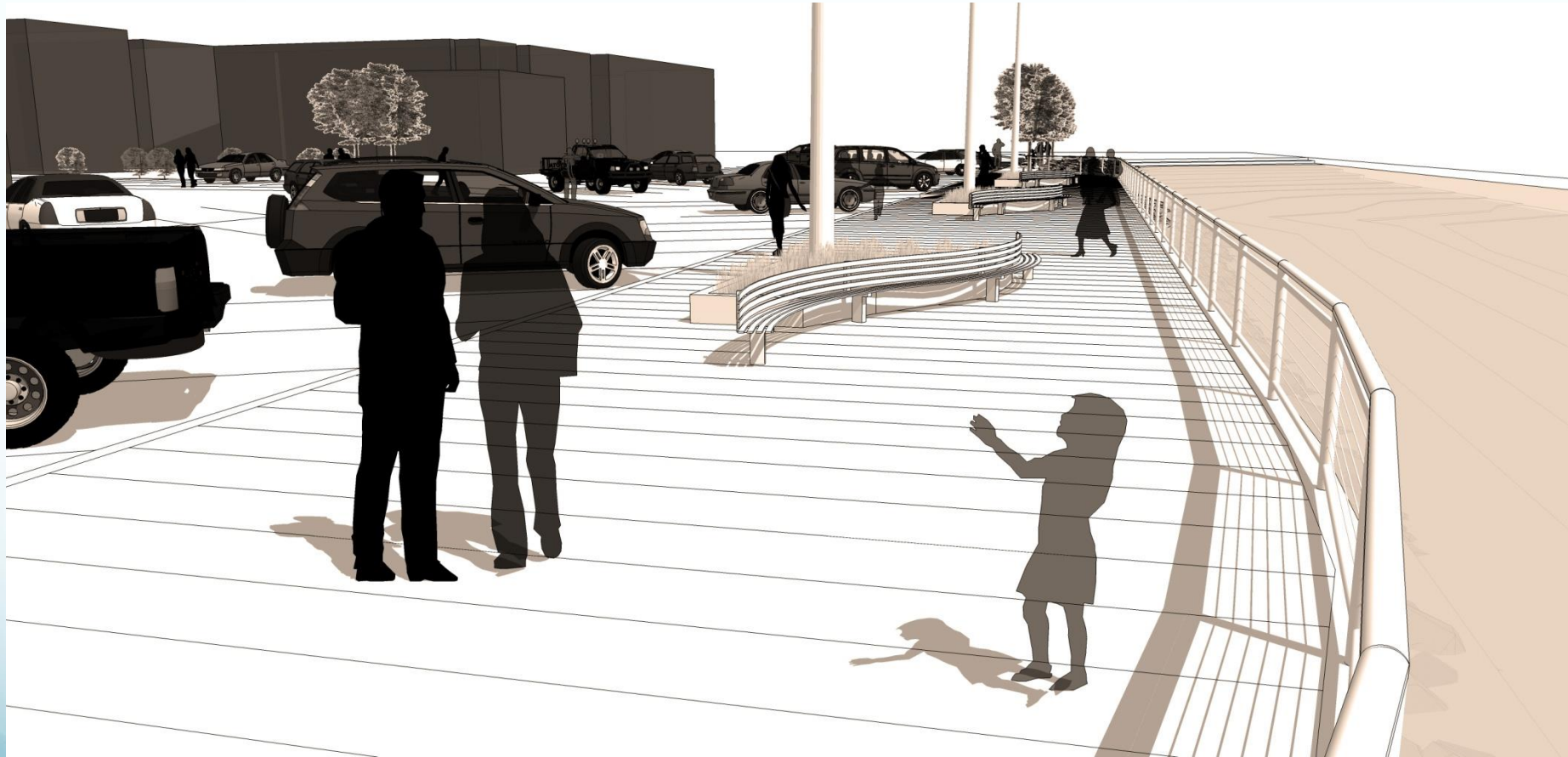
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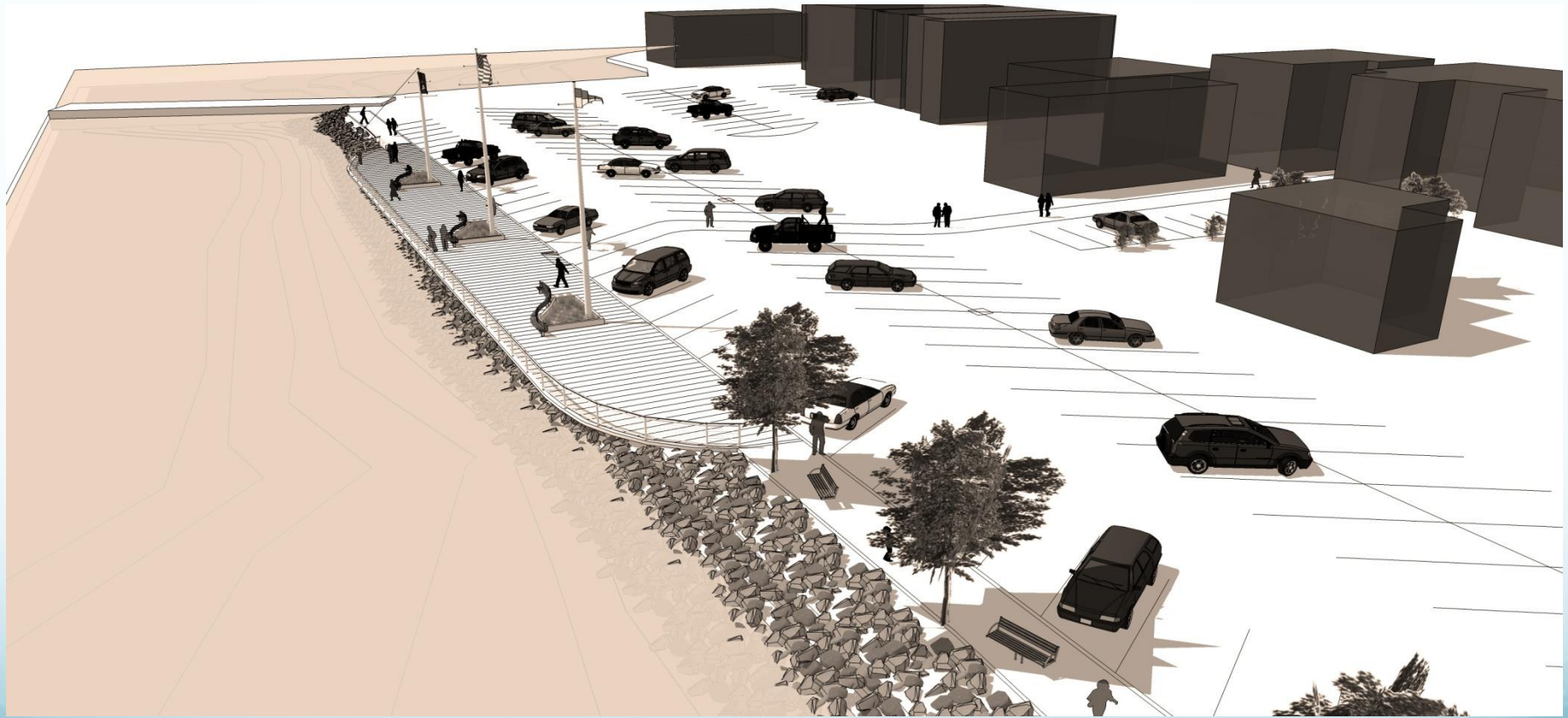
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Concept 3- View Looking East 256' Boardwalk and Park



Concept 3- View Looking West 256' Boardwalk and Park



Highest Annual Tide
6.2 NAVD88 ~ 11.7 MLLW



Parking lot elevation is 8.2 NAVD88

Google

Flood of 1978



Floodplain Elevation @ 10 NAVD88

Damariscotta & New Castle 1878



Milone & MacBroom

Flood adaptation planning study

- Provides inventories of
 - 1. Downtown elevations
 - 2. Flood adaptation measures
 - 3. Specific building by building mitigation measures and costs
 - 4. Federal funding sources for flood remediation
- And a proposal for community flood adaptation which can remove the “flood plain” designation from downtown.

Elevation Considerations





Temporary Flood Walls & Gates



- Inventory of actions by **individual property owners** for flood protection (*at 12 feet*) with cost estimates per building
 - Barricade doors, windows, and vents
 - Tie down propane tanks (floating bombs)
 - Lift air conditioners/generators
- Disadvantages
 - Manpower required to install prior to flooding
 - Assumes hydrostatic integrity of existing walls
 - Flood plain designation remains (putting at risk the financial health of downtown)
- Milone & MacBroom propose a community wide approach – a flood wall built into the parking lot.

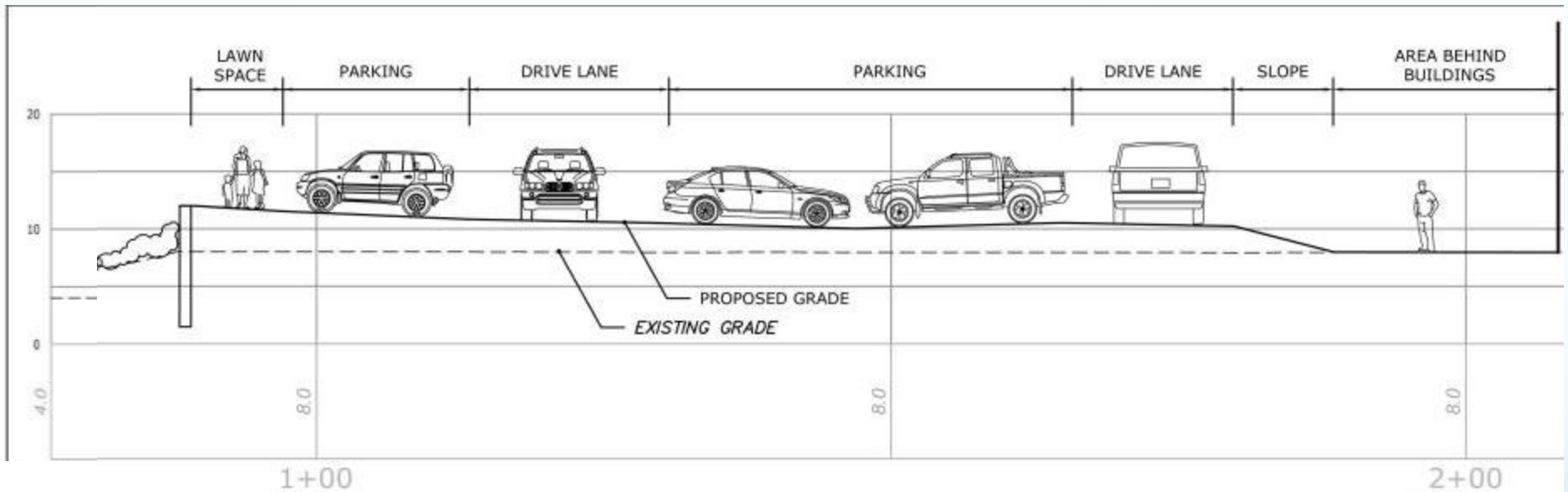
EL 12 NAVD88 Flood Wall



Invisible along the shore



EL 12 NAVD88 Flood Wall



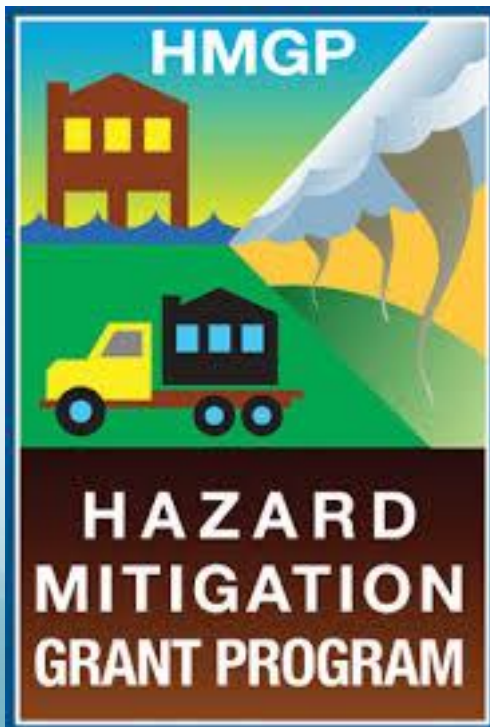
Parking Lot Cross Section

Closing the Back Door





**U.S. Army Corps
of Engineers®**





Community Development Block Grant Downtown Revitalization



**U.S. Army Corps
of Engineers®**

Clean Water State Revolving Fund



*Small Harbor
Improvement Program*

*Donation
Private*

**NOAA/Coastal
Communities**

Recreational Trails Program





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